

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of) MAIL STOP PCT
Takahiro Fujiyama et al.)
Application No.:) Group Art Unit: Unassigned
Filed: September 26, 2006) Examiner: Unassigned
For: NOVEL COMPOUND AND ORGANIC) Confirmation No.: Unassigned
ELECTRONIC DEVICE USING THE) SAME)

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The listed documents were cited in the specification and/or the International Search Report in the corresponding PCT application.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: September 26, 2006

By:


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FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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Sheet 1 of 2

Complete if Known

10/594156

Application Number	
Filing Date	September 26, 2006
First Named Inventor	Takahiro Fujiyama et al.
Examiner Name	Unassigned
Attorney Docket No.	1034232-000055

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS				
					Transition	Partial Translation	Eng. Lang. Summary	Search Report	IPER
	1-206349*	JAPAN		08-18-1989					X* X
	5-142812*	JAPAN		06-11-1993					X* X
	2-216791*	JAPAN		08-29-1990					X* X
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	2005-126367*	JAPAN		05-19-2005				X	X*
	2005-154409*	JAPAN		06-16-2005				X	X*

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	C.W. TANG ET AL., "Organic Electroluminescent Diodes", Applied Physics Letters, September 21, 1987, pp 913-915, Vol. 51, No. 12, American Institute of Physics.
	RAFIK O. LOUTFY ET AL., "Photovoltaic Properties of Metal-Free Phthalocyanines. I. Al/H ₂ Pc Schottky Barrier Solar Cells", J. Chem. Phys., August 1, 1979, pp 1211-1217, Vol. 71, No. 3, American Institute of Physics.
	YUTAKA HARIMA ET AL., "Spectral Sensitization in an Organic p-n Junction Photovoltaic Cell", Applied Physics Letters, November 15, 1984, pp 1144-1145, Vol. 45, No. 10, American Institute of Physics.
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Examiner Signature	/Charanjit Aulakh/	Date Considered	06/09/2009
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CA/

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	MARTIN P. DEBRECZENY ET AL., "Femtosecond Optical Control of Charge Shift within Electron Donor-Acceptor Arrays: An Approach to Molecular Switches", Journal of the American Chemical Society, August 28, 1996, pp 8174-8175, Vol. 118, No. 34, American Chemical Society.
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	KEN OKAMOTO ET AL., "Effects of Metal Ions on Photoinduced Electron Transfer in Zinc Porphyrin-Naphthalenediimide Linked Systems", Chemistry-A European Journal, January 23, 2004, pp 474-483, Vol. 10, No. 2, Wiley-VCH Verlag GmbH & Co., KGaA, Weinheim.
	YUKIE MORI ET AL., "Spin Effects on Decay Dynamics of Charge-Separated States Generated by Photoinduced Electron Transfer in Zinc Porphyrin-Naphthalenediimide Dyads", The Journal of Physical Chemistry, May 9, 2002, pp 4453-4467, Vol. 106, No. 18, The American Chemical Society.
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	HEINZ LANGHALS ET AL., "Intense Dyes Through Chromophore-Chromophore Interactions: Bi- and Trichromophoric Perylene-3,4:9,10-bis(dicarboximide)s", Angewandte Chemie-International Edition, April 20, 1998, pp 952-955, Vol. 37, No. 7, Wiley-VCH Verlag GmbH, Weinheim.

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